

Magnetic resonance imaging coil structure and imaging device thereof

Publication number: CN1385134

Publication date: 2002-12-18

Inventor: KENSHI SATO (US)

Applicant: GE MEDICAL SYSTEM GLOBAL TECH (US)

Classification:

- international: **G01R33/422; A61B5/055; G01R33/34; G01R33/381; G01R33/34; G01R33/28; A61B5/055; G01R33/34; G01R33/38; G01R33/34; (IPC1-7): A61B5/055; G01R33/20**

- European: G01R33/381

Application number: CN20021019162 20020510

Priority number(s): JP20010140310 20010510

Also published as:



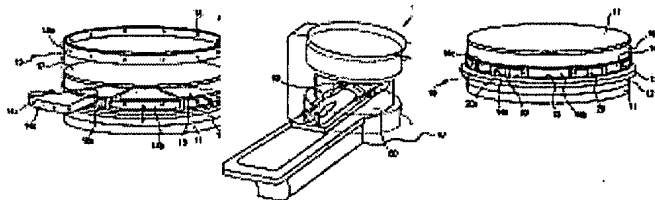
US6700378 (B2)
US2002167320 (A1)
JP2002336214 (A)
CN1220470C (C)

[Report a data error here](#)

Abstract not available for CN1385134

Abstract of corresponding document: **US2002167320**

For the purpose of providing a magnetic resonance imaging coil structure in which the tolerance of the distance between a shield and a transmission coil can be reduced to reduce the amount of frequency shift, in a magnetic resonance imaging coil structure 10 comprising a main magnetic field generating magnet 11, a gradient magnetic field generating coil 12, a shield 13, a magnetic field correcting shim plate 14 (14a, 14b, 14c, . . .), a transmission coil 16 and a cover 17 stacked, the shield 13 and the transmission coil 16 are integrally formed with a joint portion 15 made of FRP that maintains a constant distance between the shield 13 and transmission coil 16.



Data supplied from the **esp@cenet** database - Worldwide